



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505P)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

57131-11

Date of Issuance:

10/7/15

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

EC Grow CAD 183 Turf Fertilizer

Name and Address of Registrant (include ZIP Code):

Eau Claire Cooperative Oil Company
P.O. Box 837
Eau Claire, WI 54702

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.
2. The data requirements for storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) are not satisfied. A one year study is required to satisfy these data requirements. You have 18 months from the date of registration to provide these data.

Signature of Approving Official:

Kathryn Montague, Product Manager 23
Herbicide Branch, Registration Division (7505P)

Date:

10/7/15

3. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, "EPA Reg. No. 57131-11."
4. Submit one copy of the revised final printed label for the record before you release the product for shipment.

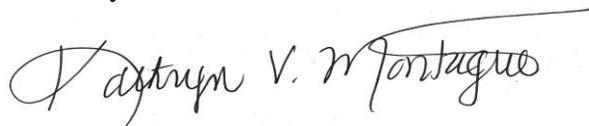
Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 4/8/2015

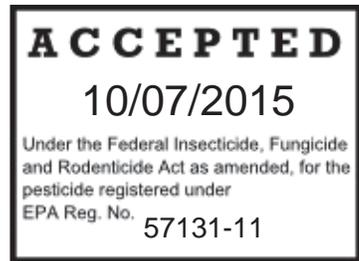
If you have any questions, please contact Deirdre Sunderland by phone at (703)603-0851, or via email at sunderland.deirdre@epa.gov

Sincerely,



Kathryn V. Montague, Product Manager 23
Herbicide Branch
Registration Division (7505P)
Office of Pesticide Programs

Enclosure



[Front panel of bag]

EC Grow CAD183 Turf Fertilizer

Combination insecticide and herbicide product for the systemic control of white grubs and other listed insects along with control of crabgrass, listed annual grasses and listed broadleaf weeds.

Not for Sale, Sale Into, Distribution and/or Use in Nassau, Suffolk, Kings, Queens Counties of New York State.

Not for use on turf being grown for sale or other commercial use, or for commercial seed production, or for research purposes.

ACTIVE INGREDIENTS:

Chlorantraniliprole*	
3-Bromo-N-[4-chloro-2-methyl-6[(methylamino)carbonyl]phenyl]	
-1-(3-chloro-2-pyridinyl)-1H-pyrazole-5-carboxamide.....	0.058%
Dithiopyr: 3,5-pyridinedicarbothioic acid, 2,-(diflouromethyl)-4-(2-methylpropyl)	
-6-(triflouromethyl)-S,S-dimethylester.....	0.125%
OTHER INGREDIENTS:.....	99.817%
TOTAL.....	100.000%

*Chlorantraniliprole belongs to the anthranilic diamide chemical class.

EPA Reg. No. 57131-X

EPA Est. No. 57131-WI-1

[Guaranteed analysis using standard format for fertilizers]

Guaranteed Fertilizer Analysis	
Nitrogen.....	XX
Phosphate.....	XX
Potash.....	XX

KEEP OUT OF REACH OF CHILDREN

WARNING

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail)

Refer to back of bag for additional Precautionary Statements, First Aid and Directions for Use.

Eau Claire CO-OP Oil Company
PO Box 837
Eau Claire, WI 54702

Net Weight:

[Back panel of bag]

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

WARNING! Causes substantial but temporary eye irritation. Harmful if absorbed through skin. Harmful if inhaled. Harmful if swallowed. Avoid contact with eyes, skin, or clothing. Avoid breathing dust. Wear protective eyewear (goggles, face shield, or safety glasses). Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Wear long sleeved shirt, long pants, socks, shoes, and water-resistant gloves. Remove contaminated clothing and wash before reuse. Prolonged or frequently repeated skin contact while handling this material may cause allergic reaction in some individuals.

FIRST AID	
If In Eyes:	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
If on Skin:	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
If Inhaled:	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.
If Swallowed:	Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything to an unconscious person.
Hot Line Number: Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-xxx-xxxx day or night for emergency treatment information.	

USER SAFETY RECOMMENDATIONS

USERS SHOULD: Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and highly toxic to other aquatic organisms including oysters and shrimp. Use with care when applying to turf areas adjacent to any body of water. Drift and runoff from treated turf may adversely affect aquatic organisms in adjacent aquatic sites. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from treated areas. Do not apply when/where conditions favor runoff. Do not contaminate water when disposing of equipment washwaters or rinsate.

Surface Water Advisory: This product may contaminate surface water quality due to runoff. This is especially true for poorly draining soils and soils with shallow ground water as/because these areas are more prone to runoff. This product is classified as having a high potential for reaching surface water via runoff for several months or more after application. A level, well-maintained

vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential for contamination of water from runoff. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted to occur within 48 hours.

Ground Water Advisory: This chemical has properties and characteristics associated with chemicals detected in ground water. This chemical may leach into ground water and cause contamination if used in areas where soils are permeable, particularly where the water table is shallow.

DIRECTIONS FOR USE

It is a violation of Federal law to use the product in a manner inconsistent with its labeling. Read and understand the entire label before using this product.

PRODUCT INFORMATION

EC Grow CAD183 Turf Fertilizer is a combination insecticide/herbicide product that may be applied for the control of white grubs and other listed pests. This product may also be used for season-long control of crabgrass and control or suppression of other listed annual grasses and broadleaf weeds.

The insecticide component of this product (Chlorantraniliprole) is in GROUP 28 of the EPA's insecticide and acaricide groups based on target site of action (EPA PR Notice 2001-5) and this product may be used in rotational resistance management programs.

WHERE TO USE

EC Grow CAD183 Turf Fertilizer may be used on established turfgrasses that are being grown for aesthetic or recreational purposes or climatic modification in or around: home lawns, commercial lawns, industrial facilities, residential dwellings, business and office complexes, shopping complexes, institutional buildings, airports, cemeteries, parks, playgrounds, schools, day-care facilities, golf courses (tee box areas, roughs, fairways, collars etc.) athletic fields, and other landscaped areas.

The following turfgrass species are tolerant to this product when applied as directed:

Cool-Season Grasses		Warm-Season Grasses	
bentgrass, creeping†	<i>Agrostis palustris</i>	bahiagrass	<i>Paspalum notatum</i>
bluegrass, Kentucky	<i>Poa pratensis</i>	bermudagrass	<i>Cynodon dactylon</i>
fescue, fine††	<i>Festuca rubra</i>	buffalograss†††	<i>Buchloe dactyloides</i>
fescue, tall	<i>Festuca arundinacea</i>	carpetgrass	<i>Axonopus affinis</i>
ryegrass, perennial	<i>Lolium perenne</i>	centipedegrass	<i>Eremochloa ophiuroides</i>
		kikuyugrass	<i>Pennisetum clandestinum</i>
		St. Augustinegrass	<i>Stenotaphrum secundatum</i>
		zoysiagrass	<i>Zoysia japonica</i>

†Use of this product on certain varieties of creeping bentgrass, such as ‘cohansey’, ‘carmen’, ‘seaside’, and ‘Washington’ may result in undesirable turfgrass injury. Not all varieties of creeping bentgrass have been tested.

††Use of this product on certain varieties of fine fescues may result in undesirable turf injury. The following fine fescue varieties have been found to be sensitive to this product: ‘Atlanta’, ‘banner’, ‘beauty’, ‘bilgart’, ‘CF-2’, ‘enjoy’, ‘HF-93’, ‘highlight’, ‘ivalo’, ‘Jamestown’, ‘koket’, ‘majenta’, ‘pennlawn’, ‘tamara’, ‘tatjana’, ‘waldorf’, and ‘waldina’. Not all varieties of fine fescue have been tested.

†††**Do not** use this product on seedling buffalograss in the spring of the first year of establishment until the turfgrass is fully green and has established new roots.

Note: It is not possible to evaluate all turfgrass varieties for tolerance to this product. It is suggested that the user evaluate the response of turfgrass varieties not listed on this label on a limited area, at recommended use rates, prior to initiating large-scale use.

APPLICATION EQUIPMENT

Apply this product with a drop or rotary-type spreader designed to apply granular herbicides. Calibrate the spreader according to manufacturer’s directions. For best results, apply evenly and uniformly avoiding streaking, skips or overlaps. Check equipment frequently to confirm that the spreader is performing properly and that the granules are being distributed evenly.

APPLICATION TIMING – INSECT CONTROL

White Grubs: Apply this product from early April to early September for preventative and early curative control of all the major white grub species infesting turfgrass. The higher rate listed for white grub control in Table 1 may be required for early season (April and May) where a long residual is required or in late August-Early September when less sensitive mid-instar grubs are present at the time of application. Irrigate turf immediately after application.

Annual Bluegrass Weevil: Apply this product late April or early May when overwintered adult weevils are observed. The higher rates listed in Table 1 may be required for applications after mid-May.

Billbugs: Apply this product when overwintered adults are first observed. For cool-season turfgrasses, this usually occurs late April or early May. The higher rates listed in Table 1 may be required for applications after early May or when billbug species other than bluegrass billbug are present.

European Crane Fly: Apply this product between September and November to control larvae in turfgrass. The higher rate listed in Table 1 may be required when applications are made in November.

Spittlebugs: Apply this product in spring or summer for two-lined spittlebug control.

Turf Caterpillars: This product provides curative control in turfgrass. If the treated area is maintained at a mowing height of greater than one inch, then the higher rate listed in Table 1 may be required during periods of high pest pressure.

Chinch Bugs: Apply this product before eggs hatch for suppression.

APPLICATION TIMING – WEED CONTROL

This product may be applied as a single application or a split application for crabgrass control. For best results, apply in the spring [or fall] prior to weed germination in established lawns and ornamental turfgrasses. This product provides preemergence control of crabgrass and other weeds when applied prior to their germination and it may also provide postemergence control of seedling crabgrass.

Postemergence Crabgrass Control: The postemergence control provided by this product is limited to crabgrass and only if application is made prior to the 3-leaf stage of growth or first tiller.

Reseeding, Overseeding, or Sprigging: Wait 8-10 weeks before reseeding, overseeding, or sprigging turfgrasses treated with this product. Reseeding, overseeding, or sprigging before 8 weeks may inhibit the establishment of desirable turfgrasses.

Spring Application: When applied preemergence (prior to germination) for control of crabgrass, this product will also control or suppress the following weeds:

Grasses		Broadleaf Weeds	
barley	<i>Hordeum spp.</i>	bittercress†	<i>Cardamine spp.</i>
barnyardgrass	<i>Echinochloa crus-galli</i>	carpetweed	<i>Mollugo verticillata</i>
bluegrass, annual	<i>Poa annua</i>	chickweed†	<i>Staellaria spp.</i>
brome	<i>Bromus spp.</i>	geranium, Carolina†	<i>Geranium carolinianum</i>
crabgrass, large	<i>Digitaria sanguinalis</i>	henbit	<i>Lamium spp.</i>
crabgrass, smooth	<i>Digitaria ischaemum</i>	knotweed, prostrate	<i>Polygonum aviculare</i>
crabgrass, Southern	<i>Digitaria ciliaris</i>	lespedeza, common†	<i>Lespedeza striata</i>
crowfootgrass†	<i>Dactyloctenium aegyptium</i>	marestail	<i>Conyza Canadensis</i>
dallisgrass (seedling)	<i>Paspalum dilatatum</i>	medic, black	<i>Medicago lupulina</i>
goosegrass	<i>Eleusine indica</i>	mustard	<i>Brassica spp.</i>
foxtail, green	<i>Setaria verdi</i>	oxalis, buttercup	<i>Oxalis pes-caprae</i>
foxtail, yellow	<i>Setaria faberi</i>	pineappleweed†	<i>Matricaria matricarioides</i>
kikuyugrass†	<i>Pennisetum clandestinum</i>	pigweed, redroot	<i>Amaranthus retroflexus</i>
oats, wild	<i>Avena fatua</i>	parsley-piert†	<i>Alchemilla arvensis</i>
ryegrass (annual & perennial)	<i>Lolium spp.</i>	purslane, common	<i>Portulaca oleracea</i>
sandbur	<i>Cenchrus spp.</i>	rocket, London	<i>Sisymbrium irio</i>
smutgrass	<i>Sporobolus indicus</i>	shepherdspurse	<i>Capsella bursa-pastoris</i>
		speedwell, corn†	<i>Veronica arvensis</i>
		spurge, garden	<i>Euphorbia hirta</i>
		spurge, prostrate	<i>Euphorbia humistrata</i>
		spurge, spotted	<i>Euphorbia maculate</i>
		woodsorrel, creeping	<i>Oxalis corniculata</i>
		woodsorrel, yellow	<i>Oxalis stricta</i>

†suppression only

[Fall Application: When applied preemergence in late summer through early fall (late August through November) this product will control or suppress the following weeds in addition to providing preemergence control of crabgrass in the following spring:]

Weeds and Grasses	
bluegrass, annual	<i>Poa annua</i>
bittercress	<i>Cardamine spp.</i>
chickweed	<i>Stellaria spp.</i>
henbit	<i>Lamium spp.</i>
geranium, Carolina	<i>Geranium carolinianum</i>
parsley-piert	<i>Alchemilla arvensis</i>
pineappleweed	<i>Matricaria matricarioides</i>
shepherdspurse	<i>Capsella bursa-pastoris</i>

APPLICATION DIRECTIONS

- For best results, apply this product within a few days after mowing and delay mowing again for a few days after the application.
- The insecticide, herbicide and fertilizer components in this product are not effective until activated by rainfall or irrigation. Performance is improved if application is followed by ½ inch of rainfall or sprinkler irrigation.

APPLICATION RATES

When applied using the rates listed in Table 1, EC Grow CAD183 Turf Fertilizer will control the listed insects and will also control the listed broadleaf weeds and grasses. This product may be applied as a single application or split application. Split applications may be used to provide improved weed control or to provide extended weed control in areas with long growing seasons. For a split application, divide the rate into separate applications made 5-10 weeks apart. **Maximum Use Rate:** Do not apply more than 400 pounds of this product/acre per application (equivalent to .232 pounds of chlorantraniliprole and .50 pounds of dithiopyr). Do not apply more than 400 pounds of this product/acre per year in broadcast applications to turf (equivalent to .232 pounds of chlorantraniliprole and .50 pounds of dithiopyr).

Table 1: TURFGRASS APPLICATION RATES

Target Pest	Product/Acre	Product/1,000 sq.ft.	Lb AI/Acre (Chlorantraniliprole)	Lb AI/Acre (Dithiopyr)
White Grubs (including <i>Aphodius</i> spp., Asiatic garden beetle, black turfgrass ataenius, European chafer, green June beetle, Japanese beetle, May/June beetles (<i>Phyllophaga</i> spp.), northern masked chafer, oriental beetle and southern masked chafer)	175 to 350 pounds	4.03 to 8.05 pounds	0.1 to 0.2	.219 to .438
Billbugs				
European Crane Fly				

Turf Caterpillars (including armyworms, cutworms and sod webworms)				
Annual Bluegrass Weevil	260 to 350 pounds	5.98 to 8.05 pounds	.15 to 0.2	.325 to .438
Spittlebugs				
Chinch bugs (suppression only)	175 to 350 pounds	4.03 to 8.05 pounds	0.1 to 0.2	.219 to .438

Note: For 3-4 month weed control, use 175 pounds/acre of this product.

SPREADER SETTINGS

Spreader	Application Rate (pounds per 1,000 sq. ft.)		
	4.03	5.98	8.05
Scotts	xx	xx	xx
Lesco	xx	xx	xx
Earthway	xx	xx	xx

INTEGRATED PEST MANAGEMENT (IPM) PROGRAMS

EC Grow CAD183 Turf Fertilizer is recommended for IPM programs on turf because it does not directly impact natural arthropod predator and parasitoid populations including ladybird beetles, lacewings, minute pirate bugs and predatory mites. The feeding behavior of beneficial arthropods will aid in extending natural control of other insect and mite pests and will reduce the possibility of secondary pest outbreaks. This product will reduce the target pest species that may serve as a food source for beneficial arthropods.

USE PRECAUTIONS AND RESTRICTIONS

- This product must not be applied when the soil is saturated with water because adequate distribution of the active ingredients vertically in the soil profile cannot be achieved under this condition.
- This product may be used on seeded, sodded, or sprigged lawns and ornamental turfs that are well established. Initial application of this product should be made only after turfgrasses have developed a vigorous root system, a uniform stand, and have received at least two mowings following seedling, sodding, or sprigging. Use of this product on turfgrasses that are not well-established, or weakened by stress from weather, pests, disease, chemical, or mechanical influences, may increase the chances of turf injury.
- Do not use clippings from treated turf for mulching around vegetables or fruit trees.
- Do not allow people or pets to enter treated area until dust has settled.
- Do not graze livestock or feed forage cut from areas treated with this product.
- Do not formulate this product into other end-use products.
- Do not apply by air.
- Wait a minimum of 30 days to retreat.
- Do not apply this product in commercial nurseries or greenhouses.
- In the state of New York, this product may be applied only by commercial applicators at not more than 400 pounds/acre application (equivalent to .232 pounds of chlorantraniliprole and .50 pounds

of dithiopyr) per year. Use of this product in Nassau and Suffolk counties of New York is prohibited.

- The following restrictions are required to permit use of this product in the state of New York:

Golf courses:

Tee boxes: Do not apply this product within 25 feet of a water body (lake, pond, river, stream, wetland, or drainage ditch).

Fairways: Do not apply this product within 50 feet of a water body (lake, pond, river, stream, wetland, or drainage ditch).

Do not apply this product on golf course putting greens.

All other sites:

Do not apply this product within 100 feet of a water body (lake, pond, river, stream, wetland, or drainage ditch).

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE: Store product in original container only in a location inaccessible to children and pets. Do not contaminate water, other pesticides, fertilizer, food or feed in storage. Not for use or storage in or around the home.

PESTICIDE DISPOSAL: Do not contaminate water, food or feed by storage or disposal. Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

NOTICE TO BUYER-Purchase of this material does not confer any rights under patents of countries outside of the United States.

LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read this Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded. It is impossible to eliminate all risks associated with the use of this product. Such risks may arise from factors such as weather conditions, soil factors, off target movement, unconventional technique, presence of other materials, the manner of use, or application, or other unknown factors, all of which are beyond the control of Eau Claire Co-op Oil Co. or seller. These risks can cause: ineffectiveness of the product, or other unintended consequences. **WHEN YOU BUY OR USE THIS PRODUCT YOU AGREE TO ACCEPT THESE RISKS.**

Eau Claire Co-op Oil Co. warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for the purpose stated in the Directions for Use, subject to the inherent risks described above, when used in accordance with the Directions for Use under normal conditions. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW EAU CLAIRE CO-OP OIL CO. MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR OF MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.**

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW. IN NO EVENT SHALL EAU CLAIRE CO-OP OIL CO. OR SELLER BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. TO THE EXTENT CONSISTENT

WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER AND THE EXCLUSIVE LIABILITY OF EAU CLAIRE CO-OP OIL CO. OR SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY OR CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY, OR OTHER LEGAL THEORY) RESULTING FROM THE STORAGE, USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT, OR AT THE ELECTION OF EAU CLAIRE CO-OP OIL CO. OR SELLER, THE REPLACEMENT OF THE PRODUCT.

To the extent consistent with applicable law that allows such requirement, Eau Claire Co-op Oil Co. or its distributor must have prompt notice of any claim so that an immediate investigation of buyer's or user's claim can be made. Buyer and all users shall promptly notify Eau Claire Co-op Oil Co. or a Eau Claire Co-op Oil Co. distributor of any claims, whether based on contract, negligence, strict liability, other tort, or otherwise, or be based from any remedy.

This Limitation of Warranty and Liability may not be amended by any oral or written agreement.

(4.18.12. – V1)
(8.27.15)